

WHAT IS CLAIMED IS:

1. A method for generating highlight image data from grayscale image data comprising:
 - selecting a highlight for conversion of grayscale image data; and
 - generating device independent color space data that corresponds to the selected highlight.
2. The method of claim 1, the highlight selection further comprising:
 - using a document plug-in program to select the highlight.
3. The method of claim 1, the highlight selection further comprising:
 - selecting a grayscale image file for highlight conversion.
4. The method of claim 1, the device independent color space data generation further comprising:
 - generating first device independent color space data from grayscale image data; and
 - generating second device independent color space data from the first device independent color space data.

5. The method of claim 4, the first device independent color space data generation further comprising:
 - converting grayscale data to the first device independent color space in accordance with a device dependent profile.
6. The method of claim 5, the second device independent color space data generation further comprising:
 - converting the first device independent color space data to second device independent color space data in accordance with a device independent profile.
7. The method of claim 6 wherein the device dependent profile is for converting grayscale data to CIE XYZ color space data and the device independent profile is for converting CIE XYZ color space data to calorimetric RGB color space data.

8. A system for generating highlight image data from grayscale image data comprising:

a highlight selector for selecting a highlight for conversion of grayscale image data; and

a data converter for generating device independent color space data that corresponds to the selected highlight.

9. The system of claim 8, the highlight selector further comprising:

a document plug-in program to select the highlight.

10. The system of claim 8 wherein the highlight selector selects a grayscale image file for highlight conversion.

11. The system of claim 8 further comprising:

a data object for generating first device independent color space data from grayscale image data.

12. The system of claim 11 wherein the data converter generates second device independent color space data from the first device independent color space data.

13. The system of claim 11 further comprising:

a device dependent profile for converting grayscale data to the first device independent color space.

14. The system of claim 12 further comprising:

a device independent profile for converting the first device independent color space data to second device independent color space data.

15. The system of claim 13 wherein the device dependent profile is for converting grayscale data to CIE XYZ color space data.

16. The system of claim 15 wherein the device independent profile is for converting CIE XYZ color space data to calorimetric RGB color space data.